Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 06 Sep 2022 until 23:59 on Wednesday 07 Sep 2022

Forecast Issued on Tuesday 06 Sep 2022 at 02:35

Confidence: High for the unsettled theme, but low for initial rain and thunderstorm detail, and becoming very low beyond midweek.

Headline for Tuesday 06 Sep 2022: Early mist and low cloud clearing to sunny spells, followed later by showery rain and risk of thunderstorms. Warm but breezy.

Mountain weather hazards on Tuesday 06 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Thundery showers	Heavy rain showers	Thundery showers	Partly cloudy (night)
Precipitation probability					
10%	20%	40%	60%	60%	40%

Forecast for Tuesday 06 Sep 2022

Weather: Any early cloud breaking to reveal some warm sunny spells for a time. This will allow heavy showers develop by the afternoon, perhaps thundery, perhaps followed by a more coherent area of thundery rain later in the day, although this is low confidence. Deteriorating visibility, locally gusty winds and hail are all possible.

Chance of cloud-free hill tops above 600m: 40% improving to 90% through the morning, but with deterioration back to 60% later in the afternoon.

Low cloud and visibility: Areas of cloud likely obscuring hills above 400m during the morning, and perhaps down to valley floors in a few spots. This soon lifting and breaking during the first half of the morning to clear the summits. Cloud then becoming extensive down to 300 metres once again into the evening. Outside of cloud, visibility will generally be very good, but falling to moderate or poor during any heavy showers, with only nearby hills visible.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 06 Sep 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 SE	14/18 SE	14/20 S	16/23 SE	13/19 SE	16/24 S	16/23 S
300	10/19 SE	11/15 S	12/19 S	13/19 SE	11/17 SE	12/21 SE	12/21 S
Valley	7/15 E	7/13 SE	10/19 S	10/19 SE	7/17 SE	8/19 SE	8/18 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/11	14/12	15/12	14/12	14/11	12/10	12/9
300	15/14	16/14	18/15	17/15	16/14	14/12	14/12
Valley	15/14	17/16	19/17	18/16	17/16	15/14	14/13
Freezing Level*	2400m	2400m	2500m	2600m	2700m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong sunshine possible during cloud breaks. Conditions may deteriorate quite rapidly during the afternoon with any heavy, thundery showers, so it's worth being ready to descend of exposed routes and ridges. Waterproofs also essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 06 Sep 2022	14.8mm	18.8mm	18.8mm

Forecast for Wednesday 07 Sep 2022

Weather: A rather murky is possible, with areas of low cloud, but soon lifting and breaking. Otherwise, continuing rather warm but unsettled, with a risk of heavy showers and thunderstorms, especially during the afternoon. Some strong gusty winds possible in associated with any showers.

Maximum wind: Southerly 15 mph gusting 20-30mph.

Chance of cloud-free hill tops above 600m: 20% improving 80% through morning.

Low cloud and visibility: Areas of cloud potentially obscuring hills above 300m at first, perhaps down to valley floors for some. This lifting and breaking through the morning with summits clearing, but some cloud likely returning at 600m during heavy showers. Outside of cloud, visibility will generally be very good, but falling to moderate or poor during any heavy showers, with only nearby hills visible.

Temperature: **Valleys:** Plus 12 becoming plus 24 degrees Celsius.
At 600m: Plus 11 Celsius.
Freezing level: Above the summits

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